All Agency Project Request

2009 - 2011 Biennium

Agency	Institution	Building No.	Building Name
University of Wisconsin	Madison	285-0A-1101	TROUT LAKE-BIOLOGICAL RESEARCH LAB

Project No. 10E2X **Project Title** Trout Lake Research Lab Addn

Project Intent

This project constructs a 1,500 GSF addition to the Trout Lake Research Lab to provide a new multi-purpose room/conference room, two restrooms, an entry vestibule, and a kitchenette.

Project Description

The new addition will be constructed on the west side of the existing building and create a new formal entryway and lobby. The new addition will be configured to allow the multi-purpose room/conference room, the kitchenette, and two new restrooms to be operated independently of the main laboratory building activities. The new multi-purpose room/conference room will be positioned to take advantage of the scenic views to the lake. The new addition will create a full height basement (to be connected to the existing basement) and used for storage and mechanical equipment. The new restroom will be connected to the septic system, and the septic system will be upgraded or augmented as necessary to accept these new connections.

The new multi-purpose room/conference room will be designed for a maximum capacity of 50 persons with tables and chairs (~1,100 SF). The new kitchenette (~100 SF) will support the multi-purpose room/conference room and will include lower casework, a refrigerator, microwave, sink, and stove.

Project Justification

The Trout Lake Station is a year-round field station operated by the Center for Limnology, located in the Northern Highland Lake District of Vilas County, Wisconsin. The station provides access to a wide variety of aquatic ecosystems and their surrounding landscapes. In addition to fostering research, the Trout Lake Station is used regularly by undergraduate and graduate courses from universities throughout Wisconsin and the Midwest.

The lack of appropriate space in the current facility limits the station's ability to host meetings, workshops, outreach events, and classes. Researchers at the station are leaders in various regional, national, and international research groups that need to meet on a regular basis. These periodic meetings, along with outreach activities, cannot be hosted at the current facility due to lack of space. The building addition will allow the field station to continue providing leadership and serve as a resource in national and international science networks, and increase in the scope and number of public outreach programs.

At a recent planning meeting, a group of more than 20 faculty and other scientists who are current or prospective users of the Trout Lake Station stressed that the station needed to address the increasing need for additional space in the main laboratory building. Specifically, the group agreed that adding appropriate meeting space was a key priority for the future growth and success of the station. Subsequent to this feedback, the Center for Limnology has received a grant from the National Science Foundation to fund the construction of this building addition.

A/E Consultant Requirements

☑ A/E Selection Required?

Consultants should have specific expertise and experience in the design and coordination of assembly spaces and building additions in an institutional environment as part of a design team. Work includes site surveys, acquiring field data, and verifying as-built conditions to assure accurate development of design and bidding documents, and production of necessary design and bidding documents. Consultants should indicate specific projects from past experience (including size, cost, and completion date) in their letter of interest and when known, include proposed consulting partners and specialty consultants.

Commissioning

☑ Level 1

☐ Level 2

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Project Budget		
Construction Cost:		$257,000
Haz Mats:		$0
Construction Total:		$257,000
Contingency:	15%	$38,600
A/E Design Fees:	8%	$20,600
DFD Mgmt Fees:	4%	$11,800
Equipment/Other:		$15,000
		$343,000

Funding Source	Total
GFSB - []	$0
PRSB - []	$0
Agency/Institution Cash []	$0
Gifts	$0
Grants	$343,000
Building Trust Funds [BTF]	$0
Other Funding Source	$0
	$343,000

Project Schedule

SBC Approval:	02/2011
A/E Selection:	10/2010
Bid Opening:	04/2011
Construction Start:	06/2011
Substantial Completion:	12/2011
Project Close Out:	06/2012

Project Contact

Contact Name:	Doug Sabatke
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Project Scope Consideration Checklist

		Y	N
1.	Will the building or area impacted by the project be occupied during construction? If yes, explain how the occupants will be accommodated during construction. All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.	☑	☐
2.	Is the project an extension of another authorized project? If so, provide the project #...	☐	☑
3.	Are hazardous materials involved? If yes, what materials are involved and how will they be handled? Hazardous materials abatement is not anticipated on this project. Comprehensive building survey inventory data is not available on Wisconsin's Asbestos & Lead Management System (WALMS) <http://walms.doa.state.wi.us/>.	☐	☑
4.	Will the project impact the utility systems in the building and cause disruptions? If yes, to what extent? There will be disruptions to the existing building when utilities for the additon are connected. All project work will be coordinated through campus physical plant staff to minimize disruptions to daily operations and activities.	☑	☐
5.	Will the project impact on the utility capacities supplying the building? If yes, to what extent?	☐	☑
6.	Will the project impact the heating plant or the primary electrical system supplying the campus or institution? If yes, to what extent?	☐	☑
7.	Have you identified the WEPA designation of the project...Type I, Type II, or Type III?	☑	☐

Type II.

8. Is the project affected by historic status? ☐ ☑

9. Are there any other issues affecting the cost or status of this project? ☐ ☑

10. Will the construction work be limited to a particular season or window of opportunity? If yes, explain the limitations and provide proposed solution. ☑ ☐

    Some of the project work is seasonal. Preferred project work schedule should be limited to late spring, summer, and/or early fall months if possible.